

# CMSC 304 Fall 2014

## Ethical Analysis

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# History of Computing

RJ4 & RJ5 **Tuesday & Sunday**

Ethical Analysis #1 due **Oct 1 AND Oct 5**



# Bookkeeping

2

- ◆ Anonymity vs. privacy (vs. “anonymity”)
- ◆ First vs. full names
- ◆ Ethical Analysis I
  - ◆ Due October 5<sup>th</sup>
  - ◆ Draft due October 1<sup>st</sup>
- ◆ RJ4: App Development
- ◆ Group work today
  - ◆ Discuss History of Computing
  - ◆ Go over ethical analysis assignment



# Movie Day

3

- ◆ Computer History in 90 Seconds
  - ◆ [https://www.youtube.com/watch?v=wfU\\_\\_GMMJw](https://www.youtube.com/watch?v=wfU__GMMJw)
- ◆ Pre-Computing and Today: Abacus Action
  - ◆ <https://www.youtube.com/watch?v=wliDomIEjjw>
- ◆ World War I: Breaking the Code clip
  - ◆ <http://www.youtube.com/watch?v=gV67Sj2jkVg>
- ◆ World War II: ENIAC / “Top Secret Rosies”
  - ◆ <http://vimeo.com/24993772>
- ◆ Making History Today: Self-Driving Car
  - ◆ [http://www.slate.com/blogs/future\\_tense/2012/03/29/google\\_s\\_self\\_driving\\_car\\_takes\\_a\\_blind\\_man\\_to\\_taco\\_bell\\_video\\_.html](http://www.slate.com/blogs/future_tense/2012/03/29/google_s_self_driving_car_takes_a_blind_man_to_taco_bell_video_.html)
  - ◆ [http://video.ted.com/talk/podcast/2011/None/SebastianThrun\\_2011-480p.mp4](http://video.ted.com/talk/podcast/2011/None/SebastianThrun_2011-480p.mp4)



# Discussion Questions

4

- ◆ Is the advent of the smartphone in the '10s the same kind of revolution as the PC in the '80s? What are the similarities and differences?
- ◆ Quiz: In 85 years, how many Women of the Year do you suppose there have been?
  - ◆ (Don't even get me *started* about "Susie.")
- ◆ "The most visible aspect of the computer revolution, the video game, is its least significant." True?
- ◆ What's *your* prediction for the next big technology revolution?



# Discussion Questions cont.

5

- ◆ In 1982, there were 1450 databases in the US. How many do you think there are now?
- ◆ ““You cannot rely on being able to find what you want [on the Internet],” says Atari’s Kay. ‘It’s really more useful to go to a library.’”
  - ◆ Enter Google, stage left. (Actually, Yahoo first...)
- ◆ How many typos did you find in the Time article?
- ◆ Will MOOCs make the traditional classroom obsolete in the not-too-distant future?

# Ethical Analysis Assignment



6

- ◆ Follow Analysis Framework for planning
- ◆ Turn in actual, complete, written work
- ◆ Grading rubric is posted!
- ◆ From the last class exercise:
  - ◆ Deontology vs. Consequentialism vs. Analysis Framework



# Group Work

7

- ◆ Ethical Analysis Assignment
  - ◆ Read it and make sure you all understand it
  - ◆ Flag us down with questions/comments
  - ◆ I will post updates.
  
- ◆ Computer History Discussion
  - ◆ How did living through the computer revolution feel?
  - ◆ How did these histories differ from your guesses?
  - ◆ Is the advent of the smartphone in the '10s the same kind of revolution as the PC in the '80s?
  - ◆ What are the similarities and differences?
  - ◆ What's *your* prediction for the next big technology revolution?
  - ◆ How have societal standards changed since then?